

IN THE SPECIFICATION:

[0007] Varying definitions are used in the art for what constitutes an essential gene, but the term is most frequently applied to those genes necessary for growth on rich medium. This variation in the art can be misleading and restrictive in terms of identifying gene products that constitute good antifungal targets. A significant amount of *C. albicans* genomic sequence information is available in both public (<http://www.sequence.stanford.edu/group/candida/>) and private (Incyte Genomics Inc.) databases. This can be combined with genomic sequence data from other organisms (The yeast genome directory, 1997, *Nature*, 387(6632 Suppl):5; Wood V, et al, 2002, *Nature*, 415(6874):871-80) and with supporting data such as the functional profiling of the *Saccharomyces cerevisiae* genome (Giaever G, et al, 2002, *Nature*, 418(6896):387-91). This bioinformatics driven approach has allowed the prediction of genes that may be essential in *C. albicans* (Spaltmann F, et al, 1999, *Drug Discovery Today*, 4:17-26). However, even for relatively closely related organisms such as *Saccharomyces cerevisiae* and *C. albicans*, there are significant differences that make such in silico predictions unreliable. For example, CET1 and CDC25 are not essential in *C. albicans* despite being essential in *S. cerevisiae* (Enloe B, et al, 2000, *J. Bacteriol.*, October, 182:20,5730-6; Dunyak DS, et al., 2002, 6.sup.th ASM Conference on *Candida* and *Candidiasis*).

[0011] The ATP(CTP):tRNA nucleotidyltransferase (CCA1) E.C.2.7.7.25 adds CCA to the 3' end of immature or damaged tRNAs and belongs to a group of tRNA processing enzymes (Martin & Hopper, 1994, *Biochimie*, 76(12) 1161-7). The CCA1 enzyme is encoded by the CCA1 gene and details for the fungal enzyme are provided under Accession numbers: CA1841, in the Institut Pasteur *Candida* database (<http://genolist.pasteur.fr/CandidaDB/>) which is cross-referenced with the Stanford open-reading frame; (ORF) orf6.3516 (contig6-2252; <http://www.sequence.stanford.edu/group/candida/>). Synonyms for CCA1 include 4444.2, CaCCA1 and orf6.3516.